



# PUMPVERTER 2

## Pump Controller



DAYLIFE Pumpverter 2 drives are high specification VSD's suitable for use in residential and industrial applications. They are compact and versatile and can be installed in either motor or wall mounted configuration. The inverter varies pump motor speed with demand thus regulating pump output to a preset outlet pressure or temperature.

Particular features include:

- Suitable for constant pressure, constant differential pressure, constant temperature, and constant differential temperature water supply applications.
- Maintains constant system pressure when water demand changes by use of pressure transducers.
- Can work simultaneously with other units and control up to 6 pumps in cascade sequence.
- Special two pump system modes for duty-standby operation or inclusion of small pilot pump in cascade operation.
- Sleep mode when there is no water consumption for increased energy savings
- Provides complete pump protection against pump overload, low voltage, high voltage, phase failure, electronics overheating and dry running(using sensor or sensor less means).
- Interfaces for connection to BMS or SCADA systems for remote monitoring - Modbus RS485 , 2 volt-free contacts, 1 4-20mA analog output.

### OPERATIONAL CONDITIONS

**Frequency:** 50-60Hz

**Supply Voltage Tolerance:** -15% - +10%

**Max Ambient Temperature:** 40°C

**Enclosure Class:** IP54

### PUMP DATA

Model	Power			Max Current (A)	Dimensions (mm)			Weight (Kg)
	Motor (kW)	Supply Voltage (V)	Output Voltage		H	W	D	
PVm2/022	2.2	1x240	3x240	10	170	190	290	3
PV2/075	7.5	3x415	3x415	18	205	235	120	
PV2/150	15			32	220	290	150	6

